

**TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL**

NASA/GODDARD SPACE FLIGHT CENTER

**REQUEST FOR TASK PLAN / TASK ORDER**

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NAS5- <b>99124</b> TASK NO. <b>26</b> AMENDMENT	561-225-11-15-89	99

TASK TITLE: (NTE 80 characters; include Project name)

EOS-AM-1 Testbed

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)

John Rende <i>R. W. Stone</i>	DATE 4-19-99	ORG CODE 561	MAIL CODE 561	PHONE 301-286-8848
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BRANCH HEAD

Robert W. Stone <i>R. W. Stone</i>	DATE 4-19-99	CODE 561	PHONE 301-286-5659
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CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)

Fred Huegel <i>Deborah A. Clark</i>	DATE 4/19/99	CODE 568	PHONE 301-286-2285
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FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE?

CONTRACTING OFFICER'S QUALITY REP.

DESIGNATED FAM:

(IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)

☒ NO ☐ YES

Larry Moore

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:

Date: APR 21 1999

Contractor will develop specification or statement of work under this task for a future procurement. ☒ NO ☐ YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. ☒ NO ☐ YES ☐ N/A

Government Furnished Property/Facilities: ☒ NO ☐ YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: ☐ NO ☒ YES If yes: ☒ TOTAL ☐ PARTIAL  
If partial, indicate onsite work in SOW by asterisk (\*)

Surveillance Plan Attached: ☒ NO ☐ YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be May 3, 1999.

**INCENTIVE FEE STRUCTURE (check one)**

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	<input checked="" type="checkbox"/> No. 1	<input type="checkbox"/> No. 2	<input type="checkbox"/> No. 3	<input type="checkbox"/> No. 4	<input type="checkbox"/> No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 214,713.

The target fee of this task order is \$ 13,759.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 228,472.

The maximum fee is \$ 20,109.

The minimum fee is \$0.

**AUTHORIZED SIGNATURE:**

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

*Lorrie L. Eakin*  
SIGNATURE OF CONTRACTING OFFICER

1/5/00  
DATE

Lorrie L. Eakin  
Contracting Officer

TYPED NAME OF CONTRACTING OFFICER

**CONTRACTOR'S ACCEPTANCE:**

AUTHORIZED SIGNATURE

DATE

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## REQUEST FOR TASK PLAN / TASK ORDER

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QSS Group, Inc.	NAS5- <b>99124</b>	TASK NO. <b>26</b>	AMENDMENT

Applicable paragraphs from contract Statement of Work: Function 2: F

**STATEMENT OF WORK:** (Continue on blank paper if additional space is required)

The contractor shall assemble government-provided C&DH engineering models including the SCC (Spacecraft Control Computer), the CTIU (Command & Telemetry Interface Unit), the BDU (Bus Data Unit), the SSR (Solid State Recorder), the SFE (Science Formatting Equipment) and associated Special Test Equipment and cabling.

The contractor shall fabricate required cabling.

The contractor shall ensure reliable functioning of the EDMs/ETMs (Engineering Development Models/Engineering Test Models).

The contractor shall provide monthly statements/reports of work accomplished.

### PERFORMANCE SPECIFICATIONS:

The testbed shall be functional such that flight operations (FOPs) commands shall operate without error. Additionally, telemetry responses shall be appropriate as compared to actual spacecraft tests.

**APPLICABLE DOCUMENTS:**

## EOS-AM-1 C&DH System Function Specification

EOS-AM-1 ICD's for each EDM in the testbed.

**TASK END DATE:** 6/30/00

**MILESTONES/DELIVERABLES AND DATES:** See Attached Page 3 of 3.

Q: What is the main purpose of the research?  
A: To develop a new method for analyzing data from a specific source.  
R: The research aims to improve the accuracy and efficiency of data analysis.  
S: The study focuses on the challenges of handling large datasets.  
K: Key findings include the effectiveness of the proposed algorithm.  
S: Simple and easy to understand, data analysis is a complex task.  
R: The research is a step towards solving a long-standing problem.  
S: The proposed method is a significant improvement over existing techniques.

[illegible]

**PERFORMANCE STANDARDS:**

**Schedule:** On-time delivery/completion of the above

**Technical:** ATR's acceptance of above

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

John Rende, building 14, Room TBD

QSS Group, Inc.  
Contract NAS5-99124  
Task Order No. 26, Basic  
Task Title: EOS-AM-1 Testbed  
Page 3 of 3

**MILESTONES/DELIVERABLES AND DATES:**

1. Frame Synchronizer/Command Interface Box and Associated Cables (September 1, 1999)
2. Test Bed Harness (October 15, 1999)
3. Sun Sparc 20 Workstation procured (November 30, 1999)
4. Vehicle in place to allow Honeywell to integrate TIB's to testbed (October 29, 1999)
5. CTIU to Host Interface is functional (January 15, 2000)
6. Renew maintenance contracts as required.
7. Support testbed efforts as required.